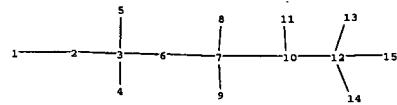
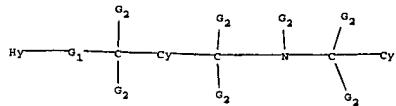


L Number	Hits	Search Text	DB	Time stamp
1	822	("546/113,118").CCLS.	USPAT; US-PGPUB; EPO; JPO	2001/12/29 12:07
2	773	("546/139,152").CCLS.	USPAT; US-PGPUB; EPO; JPO	2001/12/29 12:35
3	234	("548/304.2,304.7").CCLS.	USPAT; US-PGPUB; EPO; JPO	2001/12/29 12:42
4	548	("548/257,262.4,360.1").CCLS.	USPAT; US-PGPUB; EPO; JPO	2001/12/29 12:50
5	736	("548/452,465").CCLS.	USPAT; US-PGPUB; EPO; JPO	2001/12/29 13:01
6	928	("544/180,183,194").CCLS.	USPAT; US-PGPUB; EPO; JPO	2001/12/29 13:10
7	715	("544/235,236").CCLS.	USPAT; US-PGPUB; EPO; JPO	2001/12/29 13:20
8	941	("544/256,279,283").CCLS.	USPAT; US-PGPUB; EPO; JPO	2001/12/29 13:52
9	1027	("544/349,350,353").CCLS.	USPAT; US-PGPUB; EPO; JPO	2001/12/29 13:54



**chain nodes :**

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

**chain bonds :**

1-2 2-3 3-4 3-5 3-6 6-7 7-8 7-9 7-10 10-11 10-12 12-13 12-14 12-15

**exact/norm bonds :**

1-2 2-3 3-4 3-5 3-6 6-7 7-8 7-9 7-10 10-11 10-12 12-13 12-14 12-15

G1:C,N

G2:H,Cb,Ak

**Match level :**

1:Atom 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:Atom

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Trying 3106016892...Open

```
Welcome to STN International! Enter x:x  
LOGINID:ssspta1611bxv  
PASSWORD:  
TERMINAL (ENTER 1, 2, 3, OR ?):2
```

\* \* \* \* \* \* \* \* \* \* \* \* \* Welcome to STN International \* \* \* \* \* \* \* \* \* \* \*

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NEWS	4	Feb 16 TOXLINE no longer being updated
NEWS	5	Apr 23 Search Derwent WPINDEX by chemical structure
NEWS	6	Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
NEWS	7	May 07 DGENE Reload
NEWS	8	Jun 20 Published patent applications (A1) are now in USPATFULL
NEWS	9	JUL 13 New SDI alert frequency now available in Derwent's DWPI and DPCI
NEWS	10	Aug 23 In-process records and more frequent updates now in MEDLINE
NEWS	11	Aug 23 PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA
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NEWS	13	Sep 17 IMSworld Pharmaceutical Company Directory name change to PHARMASEARCH
NEWS	14	Oct 09 Korean abstracts now included in Derwent World Patents Index
NEWS	15	Oct 09 Number of Derwent World Patents Index updates increased
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NEWS	17	Oct 22 Over 1 million reactions added to CASREACT
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NEWS	20	Nov 19 New Search Capabilities USPATFULL and USPAT2
NEWS	21	Nov 19 TOXCENTER(SM) - new toxicology file now available on STN
NEWS	22	Nov 29 COPPERLIT now available on STN
NEWS	23	Nov 29 DWPI revisions to NTIS and US Provisional Numbers
NEWS	24	Nov 30 Files VETU and VETB to have open access
NEWS	25	Dec 10 WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002
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NEWS	28	Dec 17 STANDARDS now available on STN
NEWS	29	Dec 17 New fields for DPCI
NEWS	30	Dec 19 CAS Roles modified
NEWS	31	Dec 19 1907-1946 data and page images added to CA and CAplus
NEWS EXPRESS		August 15 CURRENT WINDOWS VERSION IS V6.0C, CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP), AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001
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FILE 'REGISTRY' ENTERED AT 16:32:04 ON 28 DEC 2001  
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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END) :end

=>  
Uploading C:\STNEXP4\QUERIES\09535314.str

## L1 STRUCTURE UPLOADED

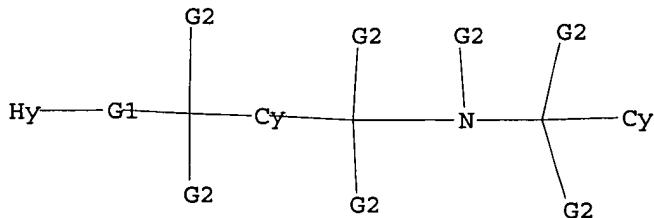
=> que L1

L2 QUE L1

=> d 11  
L1 HAS NO ANSWERS

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## L1 STR



G1 C, N

Structure attributes must be viewed using STN Express query preparation.

```
=> s 11 sss sam
SAMPLE SEARCH INITIATED 16:33:14 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 292067 TO ITERATE

      0.3% PROCESSED      1000 ITERATIONS          0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:   ONLINE    **INCOMPLETE**
                         BATCH     **INCOMPLETE**
PROJECTED ITERATIONS:    EXCEEDS 1000000
PROJECTED ANSWERS:       EXCEEDS      0
```

L3 0 SEA SSS SAM L1

STN INTERNATIONAL LOGOFF AT 16:33:24 ON 28 DEC 2001

Trying 3106016892...Open

```
Welcome to STN International! Enter x:x  
LOGINID:sssptal611bxv  
PASSWORD:  
TERMINAL (ENTER 1, 2, 3, OR ?):2
```

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* Welcome to STN International \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

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NEWS 3 Feb 06 Engineering Information Encompass files have new names  
NEWS 4 Feb 16 TOXLINE no longer being updated  
NEWS 5 Apr 23 Search Derwent WPIINDEX by chemical structure

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NEWS 6 Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA  
NEWS 7 May 07 DGENE Reload  
NEWS 8 Jun 20 Published patent applications (A1) are now in USPATFULL  
NEWS 9 JUL 13 New SDI alert frequency now available in Derwent's DWPI and DPCI  
NEWS 10 Aug 23 In-process records and more frequent updates now in MEDLINE  
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NEWS 24 Nov 30 Files VETU and VETB to have open access  
NEWS 25 Dec 10 WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002  
NEWS 26 Dec 10 DGENE BLAST Homology Search  
NEWS 27 Dec 17 WELDASEARCH now available on STN  
NEWS 28 Dec 17 STANDARDS now available on STN  
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NEWS 30 Dec 19 CAS Roles modified  
NEWS 31 Dec 19 1907-1946 data and page images added to CA and CApplus

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FILE 'HOME' ENTERED AT 16:36:19 ON 28 DEC 2001

09/535,314

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=> file reg		SINCE FILE	TOTAL
COST IN U.S. DOLLARS		ENTRY	SESSION
FULL ESTIMATED COST		0.15	0.15

FILE 'REGISTRY' ENTERED AT 16:36:25 ON 28 DEC 2001  
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for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END) :end

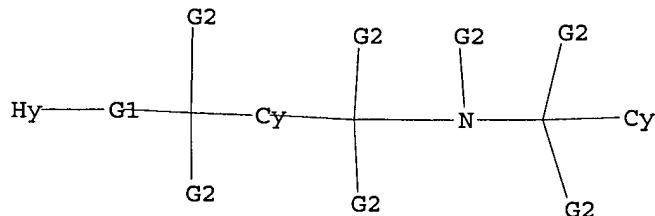
=>  
Uploading C:\STNEXP4\QUERIES\09535314.str

L1 STRUCTURE uploaded

=> que L1

L2 QUE L1

=> d l1  
L1 HAS NO ANSWERS  
L1 STR



G1 C,N

G2 H,Cb,Ak

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Structure attributes must be viewed using STN Express query preparation.

=> s 11 sss sam  
SAMPLE SEARCH INITIATED 16:36:54 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 292067 TO ITERATE

0.3% PROCESSED 1000 ITERATIONS 0 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*INCOMPLETE\*\*  
PROJECTED ANSWERS: EXCEEDS 0  
PROJECTED ITERATIONS: EXCEEDS 1000000  
BATCH \*\*INCOMPLETE\*\*

L3 0 SEA SSS SAM L1

STN INTERNATIONAL LOGOFF AT 16:37:07 ON 28 DEC 2001

Trying 3106016892...Open

```
Welcome to STN International! Enter x:x
LOGINID:sssptal611bxv
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2
```

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NEWS 17 Oct 22 Over 1 million reactions added to CASREACT  
NEWS 18 Oct 22 DGENE GETSIM has been improved  
NEWS 19 Oct 29 AAASD no longer available  
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NEWS 22 Nov 29 COPPERLIT now available on STN  
NEWS 23 Nov 29 DWPI revisions to NTIS and US Provisional Numbers  
NEWS 24 Nov 30 Files VETU and VETB to have open access  
NEWS 25 Dec 10 WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002  
NEWS 26 Dec 10 DGENE BLAST Homology Search  
NEWS 27 Dec 17 WELDASEARCH now available on STN  
NEWS 28 Dec 17 STANDARDS now available on STN  
NEWS 29 Dec 17 New fields for DPCI  
NEWS 30 Dec 19 CAS Roles modified  
NEWS 31 Dec 19 1907-1946 data and page images added to CA and CAplus

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CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP),  
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NEWS LOGIN Welcome Banner and News Items

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NEWS WWW CAS World Wide Web Site (general information)

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FILE 'REGISTRY' ENTERED AT 16:40:17 ON 28 DEC 2001  
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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END) :end

=>  
Uploading C:\STNEXP4\QUERIES\09535314.str

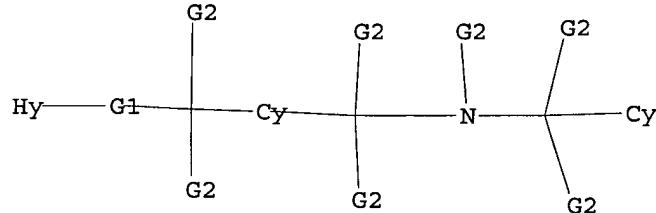
## L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=> d 11

L1 HAS NO ANSWERS  
L1 S



G1 C, N  
G2 H, Cb, Ak

Structure attributes must be viewed using STN Express query preparation.

```
=> s 11 sss sam
SAMPLE SEARCH INITIATED 16:40:58 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 292067 TO ITERATE

      0.3% PROCESSED      1000 ITERATIONS          0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:    ONLINE    **INCOMPLETE**
                           BATCH     **INCOMPLETE**
PROJECTED ITERATIONS:     EXCEEDS 1000000
PROJECTED ANSWERS:        EXCEEDS      0
```

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L3 0 SEA SSS SAM L1

STN INTERNATIONAL LOGOFF AT 16:41:07 ON 28 DEC 2001

Trying 3106016892...Open

```
Welcome to STN International! Enter x:x
LOGINID:ssspta1611bxv
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2
```

\* \* \* \* \* \* \* \* \* \* Welcome to STN International \* \* \* \* \* \* \* \* \*

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NEWS 14	Oct 09 Korean abstracts now included in Derwent World Patents Index
NEWS 15	Oct 09 Number of Derwent World Patents Index updates increased
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NEWS 18	Oct 22 DGENE GETSIM has been improved
NEWS 19	Oct 29 AAASD no longer available
NEWS 20	Nov 19 New Search Capabilities USPATFULL and USPAT2
NEWS 21	Nov 19 TOXCENTER(SM) - new toxicology file now available on STN
NEWS 22	Nov 29 COPPERLIT now available on STN
NEWS 23	Nov 29 DWPI revisions to NTIS and US Provisional Numbers
NEWS 24	Nov 30 Files VETU and VETB to have open access
NEWS 25	Dec 10 WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002
NEWS 26	Dec 10 DGENE BLAST Homology Search
NEWS 27	Dec 17 WELDASEARCH now available on STN
NEWS 28	Dec 17 STANDARDS now available on STN
NEWS 29	Dec 17 New fields for DPCI
NEWS 30	Dec 19 CAS Roles modified
NEWS 31	Dec 19 1907-1946 data and page images added to CA and CAPplus

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NEWS EXPRESS	August 15 CURRENT WINDOWS VERSION IS V6.0C, CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP), AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001
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NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

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=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END) :end

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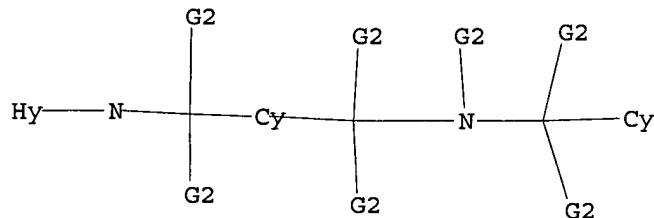
=>  
Uploading C:\STNEXP4\QUERIES\09535314.str

L1 STRUCTURE uploaded

=> que L1

L2 QUE L1

=> d l1  
L1 HAS NO ANSWERS  
L1 STR



G1 C,N

G2 H,Cb,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam  
SAMPLE SEARCH INITIATED 16:47:01 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 231396 TO ITERATE

0.4% PROCESSED 1000 ITERATIONS 0 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*INCOMPLETE\*\*  
BATCH \*\*INCOMPLETE\*\*  
PROJECTED ITERATIONS: EXCEEDS 1000000  
PROJECTED ANSWERS: EXCEEDS 0

L3 0 SEA SSS SAM L1

=> log y  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
FULL ESTIMATED COST ENTRY SESSION  
0.31 0.46

STN INTERNATIONAL LOGOFF AT 16:47:14 ON 28 DEC 2001

Trying 3106016892...Open

Welcome to STN International! Enter x:x  
LOGINID:ssspta1611bxv

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PASSWORD:  
TERMINAL (ENTER 1, 2, 3, OR ?):2

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 16:57:21 ON 28 DEC 2001

FILE 'REGISTRY' ENTERED AT 16:57:30 ON 28 DEC 2001  
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Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:....Testing the current file....\$ screen

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>  
end

=>  
Uploading C:\STNEXP4\QUERIES\535314.str

L1 STRUCTURE UPLOADED

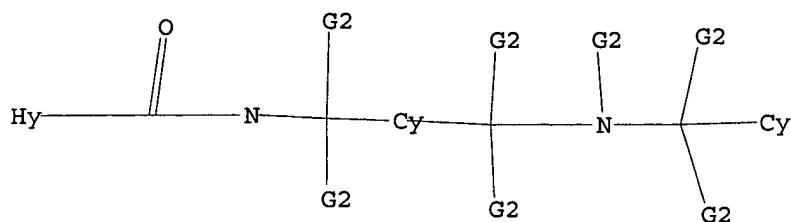
=> que L1

L2 QUE L1

=> d 11

L1 HAS NO ANSWERS  
L1 S\*

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G1 C, N  
G2 H, Ch, Ak

Structure attributes must be viewed using STN Express query preparation.

```
=> s 11 sss sam
SAMPLE SEARCH INITIATED 16:57:56 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 87000 TO ITERATE

    1.1% PROCESSED      1000 ITERATIONS          0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00:00:01
```

FULL FILE PROJECTIONS: ONLINE \*\*INCOMPLETE\*\*  
PROJECTED ITERATIONS: EXCEEDS 1000000  
PROJECTED ANSWERS: EXCEEDS 0

L3 0 SEA SSS SAM L1

STN INTERNATIONAL LOGOFF AT 16:58:03 ON 28 DEC 2001

Trying 3106016892...Open

```
Welcome to STN International! Enter x:x
LOGINID:ssspta1611bxv
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2
```

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NEWS 6 Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA  
NEWS 7 May 07 DGENE Reload  
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NEWS 20 Nov 19 New Search Capabilities USPATFULL and USPAT2  
NEWS 21 Nov 19 TOXCENTER(SM) - new toxicology file now available on STN  
NEWS 22 Nov 29 COPPERLIT now available on STN  
NEWS 23 Nov 29 DWPI revisions to NTIS and US Provisional Numbers  
NEWS 24 Nov 30 Files VETU and VETB to have open access  
NEWS 25 Dec 10 WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002  
NEWS 26 Dec 10 DGENE BLAST Homology Search  
NEWS 27 Dec 17 WELDASEARCH now available on STN  
NEWS 28 Dec 17 STANDARDS now available on STN  
NEWS 29 Dec 17 New fields for DPCI  
NEWS 30 Dec 19 CAS Roles modified  
NEWS 31 Dec 19 1907-1946 data and page images added to CA and CAplus

NEWS EXPRESS August 15 CURRENT WINDOWS VERSION IS V6.0C,  
CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP),  
AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 17:01:00 ON 28 DEC 2001

09/535,314

V. Balasubramanian

=> file reg	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.15	0.15

FILE 'REGISTRY' ENTERED AT 17:01:09 ON 28 DEC 2001  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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STRUCTURE FILE UPDATES: 27 DEC 2001 HIGHEST RN 379214-74-1  
DICTIONARY FILE UPDATES: 27 DEC 2001 HIGHEST RN 379214-74-1

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END) :end

=>  
Uploading C:\STNEXP4\QUERIES\535314-2.str

L1 STRUCTURE uploaded

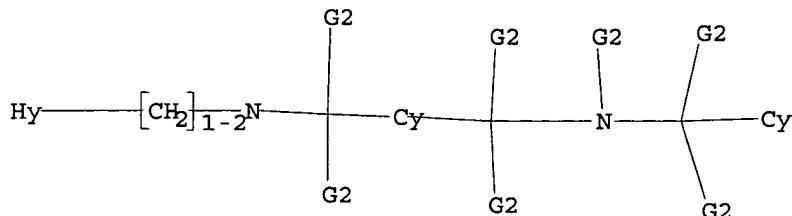
=> que L1

L2 QUE L1

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 C, N

G2 H, C<sub>3</sub>, A<sub>k</sub>

V. Balasubramanian

Structure attributes must be viewed using STN Express query preparation.

```
=> s l1 sss sam
SAMPLE SEARCH INITIATED 17:01:42 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 114779 TO ITERATE

0.9% PROCESSED      1000 ITERATIONS          0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **INCOMPLETE**
PROJECTED ITERATIONS:    EXCEEDS 1000000
PROJECTED ANSWERS:       EXCEEDS      0

L3          0 SEA SSS SAM L1

=> log y
COST IN U.S. DOLLARS           SINCE FILE        TOTAL
                                ENTRY          SESSION
FULL ESTIMATED COST           0.31            0.46

STN INTERNATIONAL LOGOFF AT 17:01:49 ON 28 DEC 2001
```